

# Jefferson College — Missouri S&T

## Environmental Sciences BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

### Jefferson College

### Missouri S&T

#### Communication Skills (Take all courses)

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	Composition and Rhetoric II	3	ENGLISH 1160	Writing and Research	3
COM 110	Public Speaking	3	SPMS 1185	Principles of Speech	3
Total Hours			Total Hours		
9			9		

#### Social Sciences (Take all courses)

PSC 102	US and Missouri Govt. and Constitution	3	POL SCI 1200	American Government	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
HIST 101 or HIST 102 or HIST 103 or HIST 104 or	Ancient and Medieval Civilization or Renaissance to Early Modern Europe or US History I or US History II	3	HISTORY 1100 or HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Early Western Civilization or Modern Western Civilization or American History to 1877 or American History since 1877	3
Total Hours			Total Hours		
9			9		

#### Humanities (Take all courses)

ART 101 or MUS 121	Art Appreciation or Appreciation of Music	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Appreciation	3
PHL 102	Intro to Philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy	3
ENG 130 or ENG 175 or ENG 215	English Life & Literature I or American Literature I or World Literature before 1650 or other literature elective	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or other literature elective	3
Total Hours			Total Hours		
9			9		

#### Mathematics and Sciences (Take all courses)

MTH 134	College Algebra (or higher math)	3	MATH 1140	College Algebra (or higher math)	3
CHM 111	General Chemistry I	5	CHEM 1310	General Chemistry I	4
BIO 109	Ecology and Environmental Conservation	3	BIO SCI 1173	Intro to Environmental Sciences	3
PHY 111 or PHY 223	Elementary College Physics I (5) or General Physics I (4)	4	PHYSICS 1145 or PHYSICS 1135	College Physics I (3) or Engineering Physics I (4)	3
Total Hours			Total Hours		
15			13		

#### Teacher Certification Requirements (Take all courses)

EDU 210	Foundations of Education	3	EDUC 1040	Perspectives in Education	2
EDU 225	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3
PSY 201	Child Psychology	3	PSYCH 3310	Developmental Psychology	3
Total Hours			Total Hours		
9			8		

#### Major/Additional Requirements

**Select additional courses to total up to the maximum transfer credit hours shown below.**

GEO 103	World Regional Geography	3	HISTORY 2110	World Regional Geography	3
ECO 102 or ECO 101	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PHY 105	Physical Geology	4	GEOLOGY 1110	Physical and Environmental Geology	3
PHY 106	Intro to Astronomy	4	PHYSICS 1505, 1509	Introductory Astronomy and Lab	4

**Professional Requirements for Teacher Education Program: Please view all program requirements at <https://teachereducation.mst.edu/secondaryeducation/>.**

#### Maximum credit hours to be transferred to Missouri S&T degree requirements.

**60**

Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T.  
Students must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T degree.  
Students are not required to complete all courses on this guide before transferring to Missouri S&T.